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## TRANSMITTAL FORM

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Total Number Of Pages In This Submission

Application Number

09/942,310

Filing Date

August 29, 2001

First Named Inventor

Carl RISINGER

Group Art Unit

1634

Examiner Name

D. Johannsen

Attorney Docket No.

532592001900

### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declarations	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Information Disclosure Statement; PTO form 1449; 8 References; and copy of International Search Report	<input type="checkbox"/> Request for Refund	
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

### SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm  
or  
Individual Name

Bruce D. Grant, Registration No. 47,608  
Morrison & Foerster LLP

Signature

May 2, 2003

### CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 2, 2003.

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PATENT  
Docket No. 532592001900

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*Judy Bridgwater*  
Judy Bridgwater

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of:

Carl RISINGER, et al

Serial No.: 09/942,310

Filing Date: August 29, 2001

For: DETECTION OF CYP2D6  
POLYMORPHISMS

Examiner: Diana B. Johannsen

Group Art Unit: 1634

**SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

The documents listed on the attached Form PTO-1449 were cited in a Search Report (copy attached) directed to a counterpart international or foreign application.

This Information Disclosure Statement is submitted:

- Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - A fee is required. A check in the amount of \* is enclosed.
  - A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee is believed to be due.
- After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of \* is enclosed.
  - A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

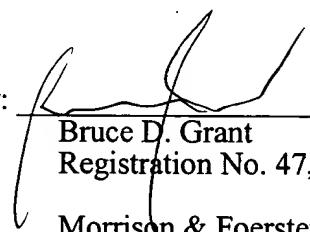
Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing 532592001900. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: May 2, 2003

Respectfully submitted,

By: 

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Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

MAY 06 2003

PATENT &amp; TRADEMARK OFFICE

Docket Number 532592001900

Application Number 09/942,310

Applicant

Carl RISINGER, et al

Filing Date August 29, 2001

Group Art Unit 1634

Mailing Date May 2, 2003

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	1.	08/2001	WO 01/55432	WIPO			

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	2.	CYP Allele Nomenclature Committee, "CYP2D6 Allele Nomenclature" Internet Article, 'Online! 13 January 2002 retrieved from < <a href="http://www.imm.ki.se/cypalleles/">http://www.imm.ki.se/cypalleles/</a> > on 01/13/2002
	3.	Daly, A. et al., "Nomenclature for Human CYP2D6 Alleles" Pharmacogenetics 6(3):193-201 (1996)
	4.	Database Genbank 'Online! Human CYP2D6 Gene, 22 November 1994 retrieved from <a href="http://www.ncbi.nlm.nih.gov">www.ncbi.nlm.nih.gov</a> Database Accession No. M33388 [Abstract]
	5.	Johansson, I. et al., "Genetic Analysis of the Chinese Cytochrome P4502D Locus: Characterization of Variant CYP2D6 Genes Present in Subjects with Diminished Capacity for Debrisoquine Hydroxylation" Molecular Pharmacology 46:452-459 (1994)
	6.	Kimura, S. et al., "The Human Debrisoquine 4-Hydroxylase (CYP2D) Locus: Sequence and Identification of the Polymorphic CYP2D6 Gene, a Related Gene, and a Pseudogene" American Journal of Human Genetics 45(6):889-904 (1989)
	7.	Lovlie, R. et al., "Polymorphisms in CYP2D6 Duplication-Negative Individuals with the Ultrarapid Metabolizer Phenotype: a Role for the CYP2D6*35 Allele in Ultrarapid Metabolism?" Pharmacogenetics 11(1):45-55 (2001)
	8.	Zanger, U. et al., "Comprehensive Analysis of the Genetic Factors Determining Expression and Function of Hepatic CYP2D6" Pharmacogenetics 11(7):573-585 (2001)

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.